

DRAWINGS

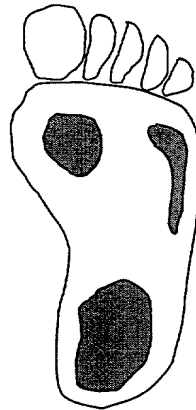


Figure 1: The three plantar fat pads

Stress-Strain curves of
the fatty acid mixture naturally present in the fat pad, and of
a mixture composed of oleic acid (83% w/w) and palmitic acid (17% w/w).

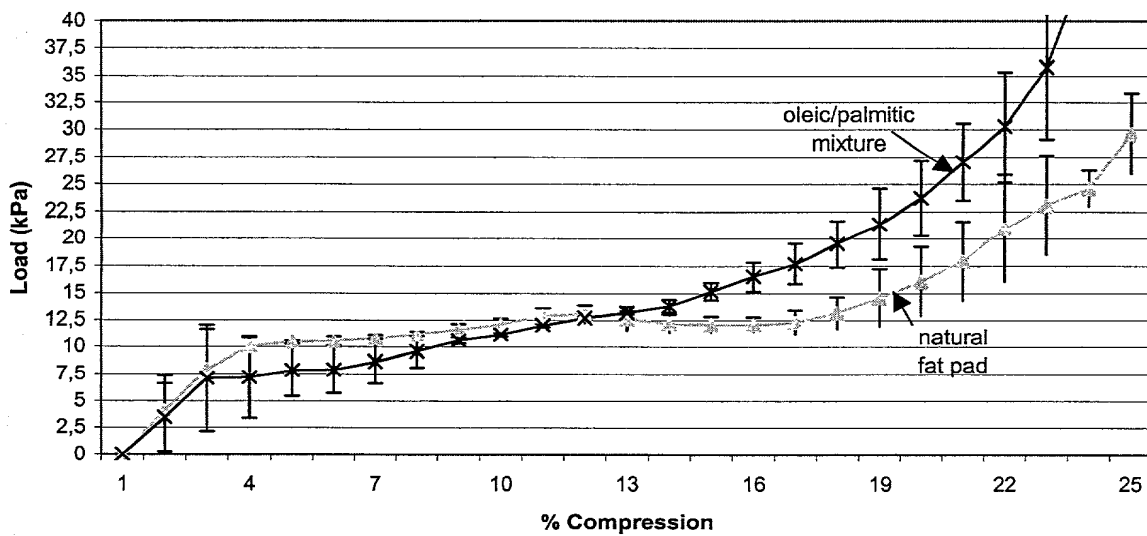


Figure 2: Compared mechanical properties of the natural fat pad fatty acid mixture, and of a simplified 2 fatty acids formulation, at room temperature ($22.0 \pm 0.5^\circ\text{C}$).

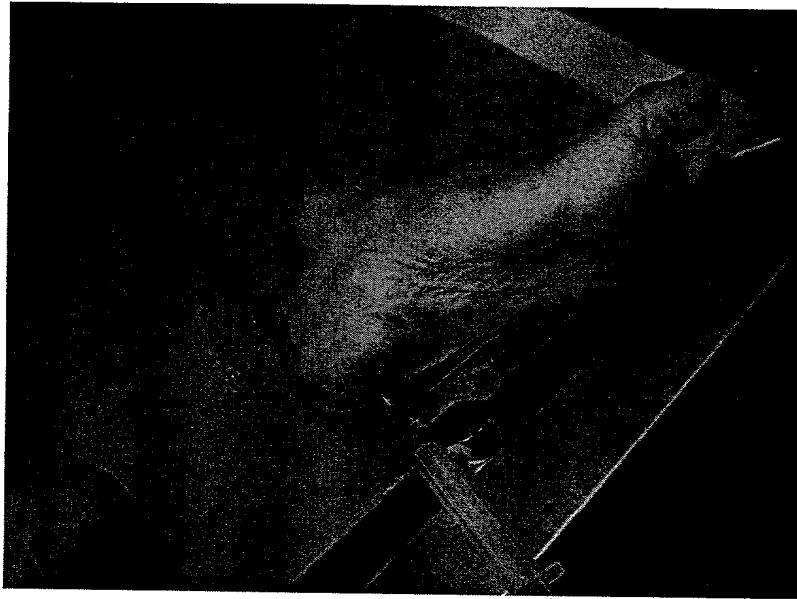


Figure 3: Injection site, heel.



Figure 4: Injected Coloured fatty acids, in the pad.